Brain Research, 595 (1992) 358–360
Elsevier Science Publishers B.V.

Author Index

Abe, K. and Saito, H.
Selective enhancement by basic fibroblast growth factor of NMDA receptor-mediated increase of intracellular Ca^{2+} concentration in hippocampal neurons (595) 128
Absher, D.R., see Saylor, D.L. (595) 98
Aceves, J., see Martínez-Fong, D. (595) 309
Ahmed, I. and Lauterio, T.J.
Intracerebroventricular injection of insulin or glucose alters insulin-like growth factor II (IGF-II) concentrations in specific hypothalamic nuclei (595) 242
Akahoshi, M., Seto, S., Kitamura, S.-i., Kusano, S., Ozeki, S.-i. and Hashiba, K.
Contribution of the central interaction between calcium and sodium to hemodynamic regulation in spontaneously hypertensive rats (595) 263
Akaike, N., see Katayama, N. (595) 249
Akesson, T.R., see Bloch, G.J. (595) 301
Albin, R.L. and Gilman, S.
$GABA_A$, $GABA_B$, and benzodiazepine binding sites in the cerebellar cortex of the red-eared turtle (*Pseudemys scripta*) (595) 164
Allain, H., see Moran, P.M. (595) 327
Allan, A.M., see Proctor, W.R. (595) 220
Atchison, W.D., see Shafer, T.J. (595) 215

Babkina, N.V., see Tsitolovsky, L.E. (595) 67
Baisden, R.H., see Saylor, D.L. (595) 98
Barberis, C., see Lévy, F. (595) 154
Berti, M., see Lévy, F. (595) 154
Bhargava, H.N., Villar, V.M., Rahmani, N.H. and Larsen, A.K.
Distribution of morphine in brain regions, spinal cord and serum following intravenous injection to morphine tolerant rats (595) 228
Bing, Z., see Bouhassira, D. (595) 353
Blaustein, J.D., see Dellovade, T.L. (595) 189
Bloch, G.J., Kurth, S.M., Akesson, T.R. and Micevych, P.E.
Estrogen-concentrating cells within cell groups of the medial preoptic area: sex differences and co-localization with galanin-immunoreactive cells (595) 301
Bolton, P.S. and Tracey, D.J.
Neurons in the dorsal column nuclei of the rat respond to stimulation of neck mechanoreceptors and project to the thalamus (595) 175
Bosler, O., see François-Bellan, A.-M. (595) 149
Bouhassira, D., Villanueva, L., Bing, Z. and Le Bars, D.
Involvement of the subnucleus reticularis dorsalis in diffuse noxious inhibitory controls in the rat (595) 353

Cadet, J.L. and Zhu, S.M.
The intrastriatal 6-hydroxydopamine model of hemiparkinsonism: quantitative receptor autoradiographic evidence of correlation between circling behavior and presynaptic as well as postsynaptic nigrostriatal markers in the rat (595) 316
Calingasan, N.Y. and Ritter, S.
Hypothalamic paraventricular nucleus lesions do not abolish glucoprivic or lipoprivic feeding (595) 25
Carli, M., Lazarova, M., Tatarczynska, E. and Samanin, R.
Stimulation of $5\text{-}HT_{1A}$ receptors in the dorsal hippocampus impairs acquisition and performance of a spatial task in a water maze (595) 50
Chacko, K., see Kost, S.A. (595) 270
Christiansen, B.A. and Schmajuk, N.A.
Hippocampectomy disrupts the topography of the rat eyeblink response during acquisition and extinction of classical conditioning (595) 206

Dasheiff, R.M., see Sacks, D.S. (595) 79
Dellovade, T.L., Blaustein, J.D. and Rissman, E.F.
Neural distribution of estrogen receptor immunoreactive cells in the female musk shrew (595) 189
Deschênes, M., see Pinault, D. (595) 295
Dreifuss, J.J., see Lévy, F. (595) 154
Dubois-Dauphin, M., see Lévy, F. (595) 154
Dunwiddie, T.V., see Proctor, W.R. (595) 220

Farfel, G.M., Vosmer, G.L. and Seiden, L.S.
The *N*-methyl-D-aspartate antagonist MK-801 protects against serotonin depletions induced by methamphetamine, 3,4-methylenedioxymethamphetamine and *p*-chloroamphetamine (595) 121
Feig, S. and Harting, J.K.
Ultrastructural studies of the primate parabigeminal nucleus: electron microscopic autoradiographic analysis of the tectoparabigeminal projection in *Galago crassicaudatus* (595) 334
François-Bellan, A.-M. and Bosler, O.
Convergent serotonin and GABA innervation of VIP neurons in the suprachiasmatic nucleus demonstrated by triple labeling in the rat (595) 149

Gábriel, R. and Straznicky, C.
Immunocytochemical localization of parvalbumin- and neurofilament triplet protein immunoreactivity in the cat retina: colocalization in a subpopulation of AII amacrine cells (595) 133
Gerber, G., see Thompson, S.W.N. (595) 87
Gibbs, L.M. and Kendig, J.J.
Substance P and NMDA receptor-mediated slow potentials in neonatal rat spinal cord: age-related changes (595) 236
Gibson, C.J.
Tyrosine augments dopamine release in stimulated rat retina (595) 201
Gilman, S., see Albin, R.L. (595) 164
Glezer, I.I., Hof, P.R. and Morgane, P.J.
Calretinin-immunoreactive neurons in the primary visual cortex of dolphin and human brains (595) 181
Goadsby, P.J., Kaube, H. and Hoskin, K.L.
Nitric oxide synthesis couples cerebral blood flow and metabolism (595) 167
Góngora-Alfaro, J.L., see Martínez-Fong, D. (595) 309

Harting, J.K., see Feig, S. (595) 334
Hashiba, K., see Akahoshi, M. (595) 263
Hernández, S., see Martínez-Fong, D. (595) 309
Hirakawa, T., see Honda, E. (595) 74
Hof, P.R., see Glezer, I.I. (595) 181
Holtzman, D.A., Pfaff, D.W. and Schwartz-Giblin, S.
Axial muscle EMG responses evoked by cutaneous flank nerves in the female rat: effects of spinal transection, steroid hormones, and anesthesia (595) 39
Honda, E., Hirakawa, T., Nakamura, S. and Nakahara, S.
Tactile and taste sensory maturation of the frog larvae tongue (595) 74
Hoskin, K.L., see Goadsby, P.J. (595) 167

Iinuma, K., see Yokoyama, H. (595) 137

Janse, C., see Wildering, W.C. (595) 343
Joyner, W.L., see Saylor, D.L. (595) 98

Kamiya, H.-o, see Nakayama, Y. (595) 339
Kanaho, Y., see Nishida, A. (595) 12
Katayama, N., Tokutomi, N., Nabekura, J. and Akaike, N.
Penicillin-induced triphasic modulation of $GABA_A$ receptor-operated chloride current in frog sensory neuron (595) 249
Kaube, H., see Goadsby, P.J. (595) 167
Kendig, J.J., see Gibbs, L.M. (595) 236
Kishi, K., see Kuroda, M. (595) 159
Kitamura, S.-i., see Akahoshi, M. (595) 263
Klein, D.C., see Korf, H.-W. (595) 57
Kogure, K., see Shiga, Y. (595) 145
Korf, H.-W., White, B.H., Schaad, N.C. and Klein, D.C.
Recoverin in pineal organs and retinae of various vertebrate species including man (595) 57
Kost, S.A., Chacko, K. and Oblinger, M.M.
Developmental patterns of intermediate

Brain Research, 595 (1992) 358–360
Elsevier Science Publishers B.V.

Author Index

Abe, K. and Saito, H.
Selective enhancement by basic fibroblast growth factor of NMDA receptor-mediated increase of intracellular Ca^{2+} concentration in hippocampal neurons (595) 128
Absher, D.R., see Saylor, D.L. (595) 98
Aceves, J., see Martínez-Fong, D. (595) 309
Ahmed, I. and Lauterio, T.J.
Intracerebroventricular injection of insulin or glucose alters insulin-like growth factor II (IGF-II) concentrations in specific hypothalamic nuclei (595) 242
Akahoshi, M., Seto, S., Kitamura, S.-i., Kusano, S., Ozeki, S.-i. and Hashiba, K.
Contribution of the central interaction between calcium and sodium to hemodynamic regulation in spontaneously hypertensive rats (595) 263
Akaike, N., see Katayama, N. (595) 249
Akesson, T.R., see Bloch, G.J. (595) 301
Albin, R.L. and Gilman, S.
$GABA_A$, $GABA_B$, and benzodiazepine binding sites in the cerebellar cortex of the red-eared turtle (*Pseudemys scripta*) (595) 164
Allain, H., see Moran, P.M. (595) 327
Allan, A.M., see Proctor, W.R. (595) 220
Atchison, W.D., see Shafer, T.J. (595) 215

Babkina, N.V., see Tsitolovsky, L.E. (595) 67
Baisden, R.H., see Saylor, D.L. (595) 98
Barberis, C., see Lévy, F. (595) 154
Berti, M., see Lévy, F. (595) 154
Bhargava, H.N., Villar, V.M., Rahmani, N.H. and Larsen, A.K.
Distribution of morphine in brain regions, spinal cord and serum following intravenous injection to morphine tolerant rats (595) 228
Bing, Z., see Bouhassira, D. (595) 353
Blaustein, J.D., see Dellovade, T.L. (595) 189
Bloch, G.J., Kurth, S.M., Akesson, T.R. and Micevych, P.E.
Estrogen-concentrating cells within cell groups of the medial preoptic area: sex differences and co-localization with galanin-immunoreactive cells (595) 301
Bolton, P.S. and Tracey, D.J.
Neurons in the dorsal column nuclei of the rat respond to stimulation of neck mechanoreceptors and project to the thalamus (595) 175
Bosler, O., see François-Bellan, A.-M. (595) 149
Bouhassira, D., Villanueva, L., Bing, Z. and Le Bars, D.
Involvement of the subnucleus reticularis dorsalis in diffuse noxious inhibitory controls in the rat (595) 353

Cadet, J.L. and Zhu, S.M.
The intrastriatal 6-hydroxydopamine model of hemiparkinsonism: quantitative receptor autoradiographic evidence of correlation between circling behavior and presynaptic as well as postsynaptic nigrostriatal markers in the rat (595) 316
Calingasan, N.Y. and Ritter, S.
Hypothalamic paraventricular nucleus lesions do not abolish glucoprivic or lipoprivic feeding (595) 25
Carli, M., Lazarova, M., Tatarczynska, E. and Samanin, R.
Stimulation of $5\text{-}HT_{1A}$ receptors in the dorsal hippocampus impairs acquisition and performance of a spatial task in a water maze (595) 50
Chacko, K., see Kost, S.A. (595) 270
Christiansen, B.A. and Schmajuk, N.A.
Hippocampectomy disrupts the topography of the rat eyeblink response during acquisition and extinction of classical conditioning (595) 206

Dasheiff, R.M., see Sacks, D.S. (595) 79
Dellovade, T.L., Blaustein, J.D. and Rissman, E.F.
Neural distribution of estrogen receptor immunoreactive cells in the female musk shrew (595) 189
Deschênes, M., see Pinault, D. (595) 295
Dreifuss, J.J., see Lévy, F. (595) 154
Dubois-Dauphin, M., see Lévy, F. (595) 154
Dunwiddie, T.V., see Proctor, W.R. (595) 220

Farfel, G.M., Vosmer, G.L. and Seiden, L.S.
The *N*-methyl-D-aspartate antagonist MK-801 protects against serotonin depletions induced by methamphetamine, 3,4-methylenedioxymethamphetamine and *p*-chloroamphetamine (595) 121
Feig, S. and Harting, J.K.
Ultrastructural studies of the primate parabigeminal nucleus: electron microscopic autoradiographic analysis of the tectoparabigeminal projection in *Galago crassicaudatus* (595) 334
François-Bellan, A.-M. and Bosler, O.
Convergent serotonin and GABA innervation of VIP neurons in the suprachiasmatic nucleus demonstrated by triple labeling in the rat (595) 149

Gábriel, R. and Straznicky, C.
Immunocytochemical localization of parvalbumin- and neurofilament triplet protein immunoreactivity in the cat retina: colocalization in a subpopulation of AII amacrine cells (595) 133
Gerber, G., see Thompson, S.W.N. (595) 87
Gibbs, L.M. and Kendig, J.J.
Substance P and NMDA receptor-mediated slow potentials in neonatal rat spinal cord: age-related changes (595) 236
Gibson, C.J.
Tyrosine augments dopamine release in stimulated rat retina (595) 201
Gilman, S., see Albin, R.L. (595) 164
Glezer, I.I., Hof, P.R. and Morgane, P.J.
Calretinin-immunoreactive neurons in the primary visual cortex of dolphin and human brains (595) 181
Goadsby, P.J., Kaube, H. and Hoskin, K.L.
Nitric oxide synthesis couples cerebral blood flow and metabolism (595) 167
Góngora-Alfaro, J.L., see Martínez-Fong, D. (595) 309

Harting, J.K., see Feig, S. (595) 334
Hashiba, K., see Akahoshi, M. (595) 263
Hernández, S., see Martínez-Fong, D. (595) 309
Hirakawa, T., see Honda, E. (595) 74
Hof, P.R., see Glezer, I.I. (595) 181
Holtzman, D.A., Pfaff, D.W. and Schwartz-Giblin, S.
Axial muscle EMG responses evoked by cutaneous flank nerves in the female rat: effects of spinal transection, steroid hormones, and anesthesia (595) 39
Honda, E., Hirakawa, T., Nakamura, S. and Nakahara, S.
Tactile and taste sensory maturation of the frog larvae tongue (595) 74
Hoskin, K.L., see Goadsby, P.J. (595) 167

Iinuma, K., see Yokoyama, H. (595) 137

Janse, C., see Wildering, W.C. (595) 343
Joyner, W.L., see Saylor, D.L. (595) 98

Kamiya, H.-o, see Nakayama, Y. (595) 339
Kanaho, Y., see Nishida, A. (595) 12
Katayama, N., Tokutomi, N., Nabekura, J. and Akaike, N.
Penicillin-induced triphasic modulation of $GABA_A$ receptor-operated chloride current in frog sensory neuron (595) 249
Kaube, H., see Goadsby, P.J. (595) 167
Kendig, J.J., see Gibbs, L.M. (595) 236
Kishi, K., see Kuroda, M. (595) 159
Kitamura, S.-i., see Akahoshi, M. (595) 263
Klein, D.C., see Korf, H.-W. (595) 57
Kogure, K., see Shiga, Y. (595) 145
Korf, H.-W., White, B.H., Schaad, N.C. and Klein, D.C.
Recoverin in pineal organs and retinae of various vertebrate species including man (595) 57
Kost, S.A., Chacko, K. and Oblinger, M.M.
Developmental patterns of intermediate

filament gene expression in the normal hamster brain (595) 270
Kubin, L., see Taguchi, O. (595) 107
Kuroda, M., Murakami, K., Kishi, K. and Price, J.L.
Distribution of the piriform cortical terminals to cells in the central segment of the mediodorsal thalamic nucleus of the rat (595) 159
Kurth, S.M., see Bloch, G.J. (595) 301
Kusano, S., see Akahoshi, M. (595) 263

Larsen, A.K., see Bhargava, H.N. (595) 228
Lau, K.C., So, K.-F. and Tay, D.
APV prevents the elimination of transient dendritic spines on a population of retinal ganglion cells (595) 171
Lauterio, T.J., see Ahmed, I. (595) 242
Lazarova, M., see Carli, M. (595) 50
Le Bars, D., see Bouhassira, D. (595) 353
LeMaître, M.H., see Moran, P.M. (595) 327
Leonard, B.E., see Moran, P.M. (595) 327
Levine, J.D., see Miaskowski, C. (595) 32
Lévy, F., Dreifuss, J.J., Dubois-Dauphin, M., Berti, M., Barberis, C. and Tribollet, E.
Autoradiographic detection of vasopressin binding sites, but not of oxytocin binding sites, in the sheep olfactory bulb (595) 154

Maor, G.I., see Weinstock, M. (595) 195
Martínez-Fong, D., Rosales, M.G., Góngora-Alfaro, J.L., Hernández, S. and Aceves, J.
NMDA receptor mediates dopamine release in the striatum of unanesthetized rats as measured by brain microdialysis (595) 309
Matlina, E., see Weinstock, M. (595) 195
Matsuo, Y., see Shiga, Y. (595) 145
McEwen, B.S., see Weinstock, M. (595) 195
Miaskowski, C. and Levine, J.D.
Antinociception produced by receptor selective opioids: modulation of spinal antinociceptive effects by supraspinal opioids (595) 32
Micevych, P.E., see Bloch, G.J. (595) 301
Miller, M.W.
Circadian rhythm of cell proliferation in the telencephalic ventricular zone: effect of in utero exposure to ethanol (595) 17
Moran, P.M., LeMaître, M.H., Philouze, V., Reymann, J.M., Allain, H. and Leonard, B.E.
Reversal of learning and memory impairments following lesion of the nucleus basalis magnocellularis (NBM) by concurrent noradrenergic depletion using DSP4 in the rat (595) 327
Morgane, P.J., see Glezer, I.I. (595) 181
Murakami, K., see Kuroda, M. (595) 159

Nabekura, J., see Katayama, N. (595) 249
Nakahara, S., see Honda, E. (595) 74
Nakamura, S., see Honda, E. (595) 74
Nakayama, Y., Takano, Y., Saito, R. and Kamiya, H.-o
Central pressor actions of tachykinin NK-3 receptor in the paraventricular nucleus of the rat hypothalamus (595) 339
Nishida, A., Shimizu, M., Kanaho, Y., Nozawa, Y. and Yamawaki, S.
Characterization of phospholipase D in a cell-free system of cultured cells derived from rat frontal cortex (595) 12
Nomaguchi, H., see Satoh, J.-i. (595) 281
Nozawa, Y., see Nishida, A. (595) 12

Oblinger, M.M., see Kost, S.A. (595) 270
Onodera, H., see Shiga, Y. (595) 145
Onodera, K., see Yokoyama, H. (595) 137
Ozeki, S.-i., see Akahoshi, M. (595) 263

Pack, A.I., see Taguchi, O. (595) 107
Panizzon, K.L., see Parsons, J.E. (595) 141
Parsons, J.E., Wallis, R.A., Panizzon, K.L. and Wasterlain, C.G.
Low sodium injury in the hippocampal slice is mediated through NMDA receptors (595) 141
Perez, R.A., see Saylor, D.L. (595) 98
Pfaff, D.W., see Holtzman, D.A. (595) 39
Philouze, V., see Moran, P.M. (595) 327
Pinault, D. and Deschênes, M.
The origin of rhythmic fast subthreshold depolarizations in thalamic relay cells of rats under urethane anaesthesia (595) 295
Price, J.L., see Kuroda, M. (595) 159
Proctor, W.R., Soldo, B.L., Allan, A.M. and Dunwiddie, T.V.
Ethanol enhances synaptically evoked $GABA_A$ receptor-mediated responses in cerebral cortical neurons in rat brain slices (595) 220

Rahmani, N.H., see Bhargava, H.N. (595) 228
Ravindranath, V., see Shivakumar, B.R. (595) 256
Reymann, J.M., see Moran, P.M. (595) 327
Rissman, E.F., see Dellovade, T.L. (595) 189
Ritter, S., see Calingasan, N.Y. (595) 25
Rosales, M.G., see Martínez-Fong, D. (595) 309
Rosen, H., see Weinstock, M. (595) 195
Rowe, B.P., see Saylor, D.L. (595) 98
Rowland, N.E.
Effects of glucose and fat antimetabolites on norepinephrine turnover in rat hypothalamus and brainstem (595) 291
Ruskell, G.L. and Simons, T.
The internal carotid artery has a sleeve of increased innervation density within the cavernous sinus in monkeys (595) 116

Sacks, D.S. and Dasheiff, R.M.
In vivo mapping of drug-induced seizures with voltage-sensitive dye (595) 79
Saito, H., see Abe, K. (595) 128
Saito, R., see Nakayama, Y. (595) 339
Samanin, R., see Carli, M. (595) 50
Satoh, J.-i., Nomaguchi, H. and Tabira, T.
Constitutive expression of 65-kDa heat shock protein (HSP65)-like immunoreactivity in cultured mouse oligodendrocytes (595) 281
Saylor, D.L., Perez, R.A., Absher, D.R., Baisden, R.H., Woodruff, M.L., Joyner, W.L. and Rowe, B.P.
Angiotensin II binding sites in the hamster brain: localization and subtype distribution (595) 98
Schaad, N.C., see Korf, H.-W. (595) 57
Schiffman, S.S., Suggs, M.S. and Simon, S.A.
Astringent compounds suppress taste responses in gerbil (595) 1
Schmajuk, N.A., see Christiansen, B.A. (595) 206
Schwartz-Giblin, S., see Holtzman, D.A. (595) 39
Seiden, L.S., see Farfel, G.M. (595) 121
Seto, S., see Akahoshi, M. (595) 263
Shafer, T.J. and Atchison, W.D.
Effects of methylmercury on perineurial Na^+ and Ca^{2+}-dependent potentials at neuromuscular junctions of the mouse (595) 215
Shiga, Y., Onodera, H., Matsuo, Y. and Kogure, K.
Cyclosporin A protects against ischemia-reperfusion injury in the brain (595) 145
Shimizu, M., see Nishida, A. (595) 12
Shivakumar, B.R. and Ravindranath, V.
Oxidative stress induced by administration of the neuroleptic drug haloperidol is attenuated by higher doses of haloperidol (595) 256
Simon, S.A., see Schiffman, S.S. (595) 1
Simons, T., see Ruskell, G.L. (595) 116
Sivilotti, L.G., see Thompson, S.W.N. (595) 87
So, K.-F., see Lau, K.C. (595) 171
Soldo, B.L., see Proctor, W.R. (595) 220
Straznicky, C., see Gábriel, R. (595) 133
Suggs, M.S., see Schiffman, S.S. (595) 1
Suzuki, T., see Yokoyama, H. (595) 137

Tabira, T., see Satoh, J.-i. (595) 281
Taguchi, O., Kubin, L. and Pack, A.I.
Evocation of postural atonia and respiratory depression by pontine carbachol in the decerebrate rat (595) 107
Takano, Y., see Nakayama, Y. (595) 339
Tatarczynska, E., see Carli, M. (595) 50
Tay, D., see Lau, K.C. (595) 171
Thompson, S.W.N., Gerber, G., Sivilotti, L.G. and Woolf, C.J.
Long duration ventral root potentials in the neonatal rat spinal cord in vitro; the effects of ionotropic and metabotropic excitatory amino acid receptor antagonists (595) 87
Tokutomi, N., see Katayama, N. (595) 249
Tracey, D.J., see Bolton, P.S. (595) 175
Tribollet, E., see Lévy, F. (595) 154
Tsitolovsky, L.E. and Babkina, N.V.
Selective form of an excitable membrane plasticity (595) 67

Villanueva, L., see Bouhassira, D. (595) 353
Villar, V.M., see Bhargava, H.N. (595) 228
Vosmer, G.L., see Farfel, G.M. (595) 121

Wallis, R.A., see Parsons, J.E. (595) 141
Wasterlain, C.G., see Parsons, J.E. (595) 141
Watanabe, T., see Yokoyama, H. (595) 137
Weinstock, M., Matlina, E., Maor, G.I., Rosen, H. and McEwen, B.S.
Prenatal stress selectively alters the reactivity of the hypothalamic-pituitary adrenal system in the female rat (595) 195
White, B.H., see Korf, H.-W. (595) 57
Wildering, W.C. and Janse, C.
Serotonergic modulation of junctional conductance in an identified pair of neurons in the mollusc *Lymnaea stagnalis* (595) 343
Woodruff, M.L., see Saylor, D.L. (595) 98
Woolf, C.J., see Thompson, S.W.N. (595) 87
Yamawaki, S., see Nishida, A. (595) 12
Yokoyama, H., Onodera, K., Suzuki, T., Iinuma, K. and Watanabe, T.
Opioid μ-deficient CXBK mouse and the role of μ_1-receptors in electrically induced convulsions (595) 137
Zhu, S.M., see Cadet, J.L. (595) 316

Contents continued

Central pressor actions of tachykinin NK-3 receptor in the paraventricular nucleus of the rat hypothalamus
Y. Nakayama, Y. Takano, R. Saito and H.-o Kamiya (Japan) 339
Serotonergic modulation of junctional conductance in an identified pair of neurons in the mollusc *Lymnaea stagnalis*
W.C. Wildering and C. Janse (The Netherlands) 343
Involvement of the subnucleus reticularis dorsalis in diffuse noxious inhibitory controls in the rat
D. Bouhassira, L. Villanueva, Z. Bing and D. Le Bars (France) 353

Author Index 358

Contents continued 360